

## Bovine Cholinesterase ELISA Kit | BCHE elisa kit

Bovine Cholinesterase ELISA Kit

CATALOG #  
**AAA194463**

REACTIVITY  
**Bovine**

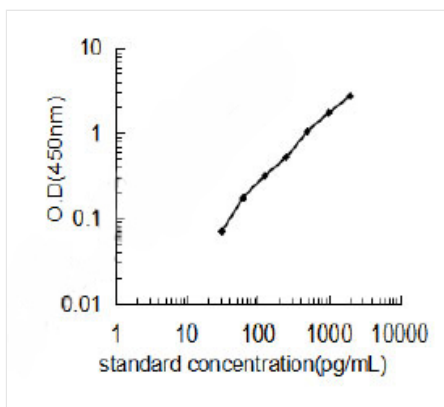
### PRODUCT SYNONYMS

Cholinesterase; Bovine Cholinesterase ELISA Kit; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudocholinesterase; BCHE; 3.1.1.8; BCHE elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                |
| Specificity             | Recombinant and natural Bovine Cholinesterase                                         |
| Sequence Length         | 602                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 31.2 pg/mL-2000 pg/mL                                                                 |
| Sensitivity             | < 11.9 pg/mL                                                                          |
| Intra-assay Precision   | <=4.6%                                                                                |
| Inter-assay Precision   | <=7.7%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for BCHE elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 116004027      |
| NCBI GeneID               | 534616         |
| NCBI Accession #          | NP_001070374.1 |
| NCBI GenBank Nucleotide # | NM_001076906.1 |
| UniProt Accession #       | P32749; Q08DR6 |
| Molecular Weight          | 68,867 Da      |
| NCBI Official Full Name   | cholinesterase |
| NCBI Official Symbol      | BCHE           |
| NCBI Protein Information  | cholinesterase |
| UniProt Protein Name      | Cholinesterase |
| UniProt Gene Name         | BCHE           |
| UniProt Entry Name        | CHLE_BOVIN     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.